

Chapter 1: Introduction to Computational Intelligence

Computational Intelligence: Second Edition

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- Computational Intelligence
- Computational Intelligence Paradigms

Definition

- The study of adaptive mechanisms to enable or facilitate intelligent behavior in complex and changing environments
- These mechanisms include those AI paradigms that exhibit an ability to
 - learn or adapt to new situations,
 - generalize,
 - abstract,
 - discover,
 - associate

Figure 1.1: Computational Intelligence Paradigms

